Antonucci			[45]	Date of Patent:	Aug. 20, 1985	
[54]	DENTAL COMPOSITE FORMULATION FROM ACRYLATE MONOMER AND POLYTHIOL ACCELERATOR		[56] References Cited U.S. PATENT DOCUMENTS 3,991,008 11/1976 Temin et al			
[75]	Inventor:	Joseph M. Antonucci, Kensington, Md.	Primary Examiner—Harold D. Anderson Attorney, Agent, or Firm—Browdy and Neimark			
[73]	Assignee:	The United States of America as represented by the Secretary of the Department of Health & Human Services, Washington, D.C.	[57] ABSTRACT A two paste dental composite formulation is disclosed, wherein one paste comprises a polymerizable monomer and a stable organic hydroperoxide initiator, and the			
[21]	Appl. No.:	565,212	other paste comprises a polymerizable monomer and a polythiol accelerator, the hydroperoxide having a ten- hour half-life temperature in excess of about 100° C.,			
[22]	Filed:	Dec. 23, 1983	and the p	olythiol being capable of ion of the hydroperoxide	accelerating the de- into polymerization	
[51] [52]	Int. Cl. ³		initiating	initiating free radicals at ambient temperatures.		
[58]	Field of Search 523/115; 433/202, 228			10 Claims, No Drawings		

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